

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((HIROKI) near2 (YAMADA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 06:35
S2	4	((YUSUKE) near2 (KOIZUMI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 06:35
S3	1088	"251/305".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/30 06:35
S4	7621	epoxy near3 acrylate near3 resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:18
S5	401166	hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:18
S6	3410	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:19
S7	65054	polyisocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:19
S8	1710	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:19
S9	1638718	valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:19
S10	49	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:19
S11	6918	polyphenylene near3 sulfide near3 resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:23

S12	661	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 07:26
S13	104	S6 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 08:19
S14	337591	tensile	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 08:52
S15	11303	Izod near2 impact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 08:52
S16	11	S4 and S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 08:53
S17	6766	notch\$3 near3 Izod	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:30
S18	1668472	resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:30
S19	4095	S14 and S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:31
S20	195300	tensile near5 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:31
S21	3403	S20 and S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:31
S22	581	S20 same S17 same S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/03/30 09:31
S23	53956	impact near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:00

S24	11407	Izod near2 impact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S25	9467	S24 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S26	7798	S24 with S23	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S27	1690229	resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S28	2787	S27 same S26	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S29	197537	tensile near5 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S30	1420	S29 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S31	885	S29 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:01
S32	143742	isocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:25
S33	408149	hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:25
S35	21617	epoxy near3 acrylate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:26
S36	0	S32 with S33 with S34	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:26

S37	263	S32 with S33 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:26
S38	238	S37 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:26
S39	65802	polyisocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:34
S40	1263104	fiber	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:34
S41	1533	S32 and S33 and S35 and S27 and S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:34
S42	347	S41 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/26 10:35
S43	109130	valve and resin	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:09
S44	197582	tensile near5 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/30 16:09
S45	7354	S43 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:09
S46	11412	Izod near2 impact	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/30 16:10
S47	413	S45 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:10
S48	7837	epoxy near3 acrylate near3 resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/30 16:10
S49	1	S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:10

S50	304	S43 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:11
S51	29	S50 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/30 16:11
S52	1	neopol and isonate and perbutyl and sz- 2000	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:02
S53	7837	epoxy near3 acrylate near3 resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:10
S54	408328	hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:10
S55	3505	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:10
S56	105	S55 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:10
S57	5	("4814365").URPN.	USPAT	OR	ON	2009/07/01 09:13
S58	4799	hydroxyl near2 value	USPAT	OR	ON	2009/07/01 09:20
S59	0	S53 with S58	USPAT	OR	ON	2009/07/01 09:21
S60	102	S53 and S58	USPAT	OR	ON	2009/07/01 09:21
S61	1	S60 and valve	USPAT	OR	ON	2009/07/01 09:22
S62	197582	tensile near5 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/01 09:26
S63	17	S60 and S62	USPAT	OR	ON	2009/07/01 09:26
S64	1990	(epoxy near3 acrylate) and (isocyanate polyisocyanate) and fiber	USPAT	OR	ON	2009/07/01 09:48

S65	1920	(epoxy near3 acrylate) and (isocyanate polyisocyanate) and fiber and resin	USPAT	OR	ON	2009/07/01 09:48
S66	1436	(epoxy near3 acrylate) and (isocyanate polyisocyanate) and fiber and resin and cur \$3	USPAT	OR	ON	2009/07/01 09:48
S67	56	S66 and S58	USPAT	OR	ON	2009/07/01 09:51
S68	1	S67 and valve	USPAT	OR	ON	2009/07/01 10:13
S69	1694155	resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:53
S70	195237	tensile near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:53
S71	54085	impact near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:54
S72	21728	epoxy near3 acrylate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:54
S73	144265	isocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:54
S74	409691	hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:54
S75	183	S69 and S70 and S71 and S72 and S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 13:54
S76	4141069	value	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 15:03
S77	22	S69 and S70 and S71 and S72 and S73 and (S74 near3 S76)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 15:04

S78	65954	polyisocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 15:12
S79	22	S69 and S70 and S71 and S72 and S73 and (S74 near3 S76) and S77	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 15:12
S80	15	S69 and S70 and S71 and S72 and S73 and (S74 near3 S76) and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/20 15:12
S81	3	hexmc	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/21 08:50
S82	15	vyncolit	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/21 08:54
S83	1	izond near3 impact near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S84	7936	izod near3 impact near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S85	1694596	resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S86	195285	tensile near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S87	21739	epoxy near3 acrylate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S88	144304	isocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S89	409861	hydroxyl	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55

S90	4142873	value	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S91	65967	polyisocyanate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S92	7	S85 and S86 and S84 and S87 and S88 and (S89 near3 S90) and S91	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 07:55
S93	3304257	group	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:05
S94	1555	S89 near2 S93 near2 S90	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:06
S95	7873	(S87 near3 S85)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:06
S96	23	S95 and S88 and S94 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:06
S97	1	S96 and S84 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:07
S98	9	S96 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:08
S99	1233	charpy near3 impact near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:28
S100	0	S96 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:29
S101	1267691	fiber	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:29



S102	13	S96 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:29
S103	9	S102 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:29
S104	2320	zytel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:37
S105	1966	zytel and nylon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:37
S106	563	S105 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:39
S107	7	S106 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:39
S108	294	isoplast	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:47
S109	0	S108 and S99 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:48
S110	0	S108 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:48
S111	84	S108 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:48
S112	98	S104 and S84 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 08:51
S113	11	S104 and S99 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 09:06

S114	1	("4219461").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/07/22 10:11
S115	3	("3962172"   "4391936").PN. OR ("5804638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 11:19
S116	11134	resin and (valve near3 body)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 12:14
S117	492	resin and (valve near3 body) and butterfly	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 12:14
S118	37	resin and (valve near3 body) and (valve near3 drive near3 section)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/22 12:16

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